

DERWENT-ACC-NO: 1980-32065C

DERWENT-WEEK: 198018

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TITLE: Oil and blocking resistant coated paper - is
coated or impregnated with aq. emulsion resin contg.
copolymer of ethylene! and alpha,beta-unsatd. carboxylic
acid

PATENT-ASSIGNEE: ASAHI DOW LTD [ASAF]

PRIORITY-DATA: 1978JP-0112349 (September 14, 1978)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 55040835 A	March 22, 1980	N/A
000 N/A		

INT-CL (IPC): D21H001/40

ABSTRACTED-PUB-NO: JP 55040835A

BASIC-ABSTRACT:

One or both sides of base paper is coated or the base paper is
impregnated with
an aq. emulsion resin which contains ethylene polymer consisting of
96-85,
pref. 94-90 mol.% of ethylene and 4-15, pref. 6-10 mol.% of
alpha,beta-ethylenic unsatd. carboxylic acid of which 50% of the
carboxylic
acid gps. may be alkyl ester.

At least 10% of the unsatd. carboxylic acids is neutralised with
metallic ion
and/or ammonium ion. The neutralised copolymer has a melting heat of
2.0-10.0,
pref. 3.0-7.0 gal./g. The resin is applied uniformly in 3-20, pref.
4-15 g./m.2

The alpha,beta-ethylenic unsatd. carboxylic acids are e.g.
(meth)acrylic,
fumaric, itaconic and maleic acids. The alkyl esters are e.g. methyl

(ethyl, butyl) (meth)acrylate, dimethyl fumarate and monoethyl malaeate. The coated paper has excellent heat sealing property and resistance to oil and blocking.

TITLE-TERMS: OIL BLOCK RESISTANCE COATING PAPER COATING IMPREGNATE AQUEOUS

EMULSION RESIN CONTAIN COPOLYMER POLYETHYLENE ALPHA BETA UNSATURATED CARBOXYLIC ACID

DERWENT-CLASS: A82 F09 G02

CPI-CODES: A04-F01; A04-G08; A07-B03; A10-E21; A10-E22; A12-B03A; F05-A06B;
G02-A05C;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 2001 2022 2430 2436 2454 2504 2570 2656 2659 2663
2725 0241
0411 0418 0037 1417 1424 1431 0242 0412 0419 0496 0503 0531 0538 0545
1384 1418
1425 1432
Multipunch Codes: 011 034 04- 041 046 047 074 075 076 231 24- 250 27&
323 397
431 436 442 454 477 532 533 534 597 600 604 724 011 034 04- 041 046
047 074 075
077 231 24- 250 27& 323 397 431 436 442 454 477 532 533 534 597 600
604 724 011
034 04- 041 046 047 075 104 105 155 157 231 24- 250 27& 323 397 431
436 442 454
477 532 533 534 597 600 604 724 011 034 04- 041 046 047 075 104 107
155 157 231
24- 250 27& 323 397 431 436 442 454 477 532 533 534 597 600 604 724
011 034 04-
041 046 047 104 116 155 157 231 24- 250 27& 323 397 431 436 442 454
477 532 533
534 597 600 604 724 011 034 04- 041 046 047 051 074 075 076 077 081
082 083 104
105 107 116 155 157 231 24- 250 28& 323 397 431 436 442 454 477 532
533 534 597
600 604 724